

## P R O C E E D I N G S

**Administrative Remarks**

COL NEGRON: First of all, I would like to welcome everybody here. I mean when I looked around the museum yesterday, I was here at about 6:30, I looked around and saw all these great vehicles and I go, you know what, before I stood here and looked at that vehicle, someone was thinking about it on a drawing board, on a paper napkin, and you know, they made it real.

This is where we are at today. The Grand Challenge is an adventure, okay, it's a one-of-a-kind event. It is the first one of many, okay. But let me talk about the Grand Challenge because that is the reason we are here.

I would just like to welcome everyone and I thank the Petersen Automobile Museum for hosting us here. It is a fantastic building and we will have a great day.

Let me tell you the goals of the conference. I talked to many of you yesterday and last night during our mixer. The number one goal is of course to tell you about the Challenge and share with you the information we have today, but most importantly, I think the reason you are here is to find out who can you work with, who is the counterpart

1 that you need to partner with, and that is critical, and we  
2 are going to do that this afternoon.

3           The way we are going to run the schedule macro, we  
4 will give you all the information from the Grand Challenge in  
5 the morning, we will open it up for Q&A. Now, I will admit I  
6 had to change the way we are going to do Q&A.

7           I believe you were handed out 3 by 5 cards. I  
8 would like for you to write down your questions, and during  
9 the Q&A period we have two mics set up. Please go to the  
10 mics and let's read the questions.

11           The other thing is I want to collect those  
12 questions, to make sure that we have answered all the  
13 questions. If we haven't answered them here, I would like to  
14 post the answers to those questions on our web site.

15           Finally, the most important part from our  
16 perspective is the teaming. We have got tables upstairs on  
17 the fourth floor that you can go to, and if you are a  
18 mobility expert or behavioral expert, then, you can go talk  
19 to that particular representative. Leave your name and  
20 contact sheet, and we will take care of really mixing the  
21 groups or helping you contacting the other person that you  
22 need to talk to.

1 All right. One thing that I have noticed as I read  
2 the Grand Challenge web page questions, there is a lot of  
3 information in your package. Please take the time to look at  
4 it. A lot of the answers to your questions are in there.  
5 So, we are going to give you a preview today, we probably  
6 won't cover all of them, but a lot of the questions that you  
7 are asking are in your package, so please take the time to do  
8 that.

9 Write down your questions. I need to collect those  
10 questions. I am interested in your questions. A lot of you  
11 came to me, and I will tell you I have got one group on the  
12 left that says this will never be done, and I have got  
13 another group that says I have got a car built already, so  
14 somewhere in between there is the truth, okay, and we are  
15 going to figure that out together.

16 Please, during the presentation, I am going to  
17 bring the speakers up, they will do their presentation, they  
18 will present them, write down your questions for the speaker,  
19 so that you can ask them during the Q&A and we will move on.

20 Any questions that are not answered here, please  
21 refer to our Grand Challenge web page, and then, as you can  
22 tell, we are on the second floor for the morning event, all

1 morning, and then in the afternoon, we go to the fourth  
2 floor. More importantly, as you notice, the elevators are  
3 really out, so we only have the stairwell going up. Right  
4 back here in the right-hand corner are the stairs, and we  
5 will just go up two flights. It should not be a problem.

6           The second thing, of course, breaks. There is  
7 really limited breaks during this, so if you have to get up,  
8 please move out quietly. Of course, the restrooms are  
9 downstairs on the first and third floor.

10           Are there any other questions here? All right. We  
11 are going to get started.

12           Next slide.

13           When we started this about a year ago, Dr. Tether,  
14 director of DARPA, said, "Hey, let's think about a Grand  
15 Challenge, let's talk about autonomous ground vehicles," and  
16 he really wanted us to just explore the possibility.

17           So, today, Dr. Tether, the director of DARPA, he  
18 has been a program manager, an office director, the man has a  
19 wealth of knowledge in the various technologies. He has been  
20 around the DARPA program for over 15 years.

21           So, I have asked Dr. Tether to give us an overview  
22 of what DARPA does and why the Grand Challenge.

1           At this time, I would like to introduce Dr. Tony  
2 Tether.